CUMULATIVE INDEX

VOLUMES 30-35

INDEX OF CHAPTER TITLES

AMINO ACIDS, PEPTIDES, PROTEINS
Biosynthesis:
P. Berg, 30:293-324; M. V. Simpson, 31:333-68; K. Moldave, 34:419-48; R. Schweet and R. Heintz, 35:723-58
Chemistry:
B. Keil, 31:139-72; 34:175-208; C. H. W. Hirs, 33:597-632; T. Wieland and H. Determann, 35:651-90
Hormones:
K. Hofmann, 31:213-46; R. Schwyzer, 33:259-86; I. Pastan, 35:369-404
Metabolism:
G. Gilvarg, 30:239-68; E. Adams, 31:173-212; W. Sakami and H. Harrington, 32:355-98; L. Fowden, 33:173-204; D. M. Greenberg, 33:633-66; M. E. Jones, 34:381-418; H. P. Broquist and J. S. Trupin, 35:231-74
Special Classes:
E. Margoliash, 30:549-78; H. Tabor, C. W. Tabor, and S. M. Rosenthal, 30:579-604; W. A. Schroeder, 32:301-20; B. G. Malmström and J. B. Neilands, 33:331-54; K. Murray, 34:209-46; J. Gergely, 35:691-722; J. B. Fleischman, 35:835-72
Structure:
B. S. Harrap, W. B. Gratzer, and P. Doty, 30:269-92; F. M. Richards, 32:269-300; W. F. Harrington, R. Josephs, and D. M. Segal, 35:599-650
BIOLUMINESCENCE
M. J. Cormier and J. R. Totter, 33:431-58
CANCER, CARCINOGENESIS, CARCINOLYSIS
E. D. Day, 31:549-68; R. W. Brockman and E. P. Anderson, 32:463-512; H. Busch and W. C. Starbuck, 33:519-70; H. C. Pitot, 35:335-68
CARBOHYDRATES
Amino Sugars:
M. R. J. Salton, 34:143-74
Chemistry:
A. B. Foster, 30:45-70; G. O. Aspinall, 31:79-102; R. U. Lemieux and D. R. Lineback, 32:155-84; D. H. Northcote, 33:51-74; S. J. Angyal and D. Rutherford, 34:77-100; N. Sharon, 35:485-520
Metabolism:
A. Sols, 30:213-38; O. Touster, 31:407-50; E. Cabib, 32:321-54; G. Ashwell, 33:101-38; E. F. Neufeld and V. Ginsburg, 34:297-312; W. A. Wood, 35:521-58
CELLS AND CELL WALLS
L. Levintow and H. Eagle, 30:605-40; D. Mazia, 30:669-88; H. H. Martin, 35:457-84
DRUGS AND TONIC SUBSTANCES
L. Shuster, 33:571-96
DIFFERENTIATION
H. H. Baldwin and H. P. Rusch, 34:565-94
ENZYMES (see also Oxidations and Reductions)
General:
R. A. Dedonder, 30:347-82; M. Friedkin, 32:185-214; H. S. Mason, 34:595-634; P. Strittmatter, 35:125-56; L. L. M. van Deenen and G. H. de Haas, 35:157-94; I. H. Silman and E. Katchalski, 35:873-908
Mechanism of Enzyme Action, Organization, and Regulation:
W. P. Jencks, 32:639-76; J. P. Hummel and G. Kalnitsky, 33:15-50; M. L. Bender and F. J. Kezdy, 34:49-76; P. Talalay, 34:347-80; I. A. Rose, 35:23-56; L. J. Reed and D. J. Cox, 35:57-84; D. E. Atkinson, 35:85-124
FUNGI, BIOCHEMISTRY OF
R. Bentley, 31:589-624
GENETICS, BIOCHEMICAL ASPECTS
C. Levinthal and P. F. Davison, 30:641-68; J. Larner, 31:569-88; J. C. Bennett and W. J. Dreyer, 33:205-34; B. N. Ames and R. G. Martin, 33:235-58; N. H. Horowitz and R. L. Metzenberg, 34:527-64

CUMULATIVE INDEX

VOLUMES 30-35

INDEX OF CHAPTER TITLES

AMINO ACIDS, PEPTIDES, PROTEINS
Biosynthesis:
P. Berg, 30:293-324; M. V. Simpson, 31:333-68; K. Moldave, 34:419-48; R. Schweet and R. Heintz, 35:723-58
Chemistry:
B. Keil, 31:139-72; 34:175-208; C. H. W. Hirs, 33:597-632; T. Wieland and H. Determann, 35:651-90
Hormones:
K. Hofmann, 31:213-46; R. Schwyzer, 33:259-86; I. Pastan, 35:369-404
Metabolism:
G. Gilvarg, 30:239-68; E. Adams, 31:173-212; W. Sakami and H. Harrington, 32:355-98; L. Fowden, 33:173-204; D. M. Greenberg, 33:633-66; M. E. Jones, 34:381-418; H. P. Broquist and J. S. Trupin, 35:231-74
Special Classes:
E. Margoliash, 30:549-78; H. Tabor, C. W. Tabor, and S. M. Rosenthal, 30:579-604; W. A. Schroeder, 32:301-20; B. G. Malmström and J. B. Neilands, 33:331-54; K. Murray, 34:209-46; J. Gergely, 35:691-722; J. B. Fleischman, 35:835-72
Structure:
B. S. Harrap, W. B. Gratzer, and P. Doty, 30:269-92; F. M. Richards, 32:269-300; W. F. Harrington, R. Josephs, and D. M. Segal, 35:599-650
BIOLUMINESCENCE
M. J. Cormier and J. R. Totter, 33:431-58
CANCER, CARCINOGENESIS, CARCINOLYSIS
E. D. Day, 31:549-68; R. W. Brockman and E. P. Anderson, 32:463-512; H. Busch and W. C. Starbuck, 33:519-70; H. C. Pitot, 35:335-68
CARBOHYDRATES
Amino Sugars:
M. R. J. Salton, 34:143-74
Chemistry:
A. B. Foster, 30:45-70; G. O. Aspinall, 31:79-102; R. U. Lemieux and D. R. Lineback, 32:155-84; D. H. Northcote, 33:51-74; S. J. Angyal and D. Rutherford, 34:77-100; N. Sharon, 35:485-520
Metabolism:
A. Sols, 30:213-38; O. Touster, 31:407-50; E. Cabib, 32:321-54; G. Ashwell, 33:101-38; E. F. Neufeld and V. Ginsburg, 34:297-312; W. A. Wood, 35:521-58
CELLS AND CELL WALLS
L. Levintow and H. Eagle, 30:605-40; D. Mazia, 30:669-88; H. H. Martin, 35:457-84
DRUGS AND TONIC SUBSTANCES
L. Shuster, 33:571-96
DIFFERENTIATION
H. H. Baldwin and H. P. Rusch, 34:565-94
ENZYMES (see also Oxidations and Reductions)
General:
R. A. Dedonder, 30:347-82; M. Friedkin, 32:185-214; H. S. Mason, 34:595-634; P. Strittmatter, 35:125-56; L. L. M. van Deenen and G. H. de Haas, 35:157-94; I. H. Silman and E. Katchalski, 35:873-908
Mechanism of Enzyme Action, Organization, and Regulation:
W. P. Jencks, 32:639-76; J. P. Hummel and G. Kalnitsky, 33:15-50; M. L. Bender and F. J. Kezdy, 34:49-76; P. Talalay, 34:347-80; I. A. Rose, 35:23-56; L. J. Reed and D. J. Cox, 35:57-84; D. E. Atkinson, 35:85-124
FUNGI, BIOCHEMISTRY OF
R. Bentley, 31:589-624
GENETICS, BIOCHEMICAL ASPECTS
C. Levinthal and P. F. Davison, 30:641-68; J. Larner, 31:569-88; J. C. Bennett and W. J. Dreyer, 33:205-34; B. N. Ames and R. G. Martin, 33:235-58; N. H. Horowitz and R. L. Metzenberg, 34:527-64

HORMONES
See Steroids; Amino Acids, Peptides, Proteins
IMMUNOCHEMISTRY
R. R. Porter and E. M. Press, 31:625-52; A. Nisonoff and G. J. Thorbecke, 33: 355-402; J. B. Fleischman, 35:835-72
INSTRUMENTATION AND ANALYTICAL PROCEDURES
E. C. Horning and W. J. A. VandenHeuvel, 32:709-54; K. Biemann, 32:755-80; A. Kowalsky and M. Cohn, 33:481-518; Q. H. Gibson, 35:435-56
ISOPRENOID COMPOUNDS, BIOSYNTHESIS
L. D. Wright, 30:525-48
LIPIDS
J. Asselineau and E. Lederer, 30:71-92; R. G. Langdon and A. H. Phillips, 30:189-212; M. M. Rapport and W. T. Norton, 31:103-38; S. J. Wakil, 31:369-406; D. J. Hanahan and G. A. Thompson, Jr., 32:215-40; J. F. Mead, 32:241-68; R. O. Brady and E. G. Trams, 33:75-100; P. R. Vagelos, 33:139-72; S. Bergström and B. Samuelsson, 34:101-8; H. E. Carter, P. Johnson, and E. J. Weber, 34:109-42; W. E. M. Lands, 34:313-46; J. A. Olson, 35:559-98
MITOCHONDRIA
D. R. Sanadai, 34:21-48
MUSCLE
S. V. Perry, 30:473-98; W. W. Kielley, 33:403-30
NEUROCHEMISTRY
E. Roberts and C. F. Baxter, 32:513-52
NUCLEIC ACIDS, NUCLEOTIDES, AND NUCLEOSIDES
A. M. Michelson, 30:133-64; R. Abrams, 30:165-88; L. F. Cavalieri and B. H. Rosenberg, 31:247-70; E. S. Canellakis, 31:271-300; M. Grunberg-Manago, 31: 301-32; A. Stevens, 32:15-42; S. Kit, 32:43-82; G. Schmidt, 33:667-728; K. Moldave, 34:419-48; D. Elson, 34:449-86; M. F. Singer and P. Leder, 35:195-230; E. Borek and P. R. Srinivasan, 35:275-98; U. L. RajBhandary and A. Stuart, 35: 759-88; J. Josse and J. Eigner, 35:789-834
NUTRITION
W. N. Pearson and W. J. Darby, 30:325-46; O. Mickelsen, 31:515-48; H. L. House, 31:653-72; C. M. Coons, 33:459-80
OXIDATIONS, BIOLOGICAL (see also Enzymes)
H. Morrison, 30:11-44; O. Hayaishi, 31:25-46; A. L. Lehninger and C. L. Wadkins, 31:47-78; V. Massey and C. Veeger, 32:579-638; L. Ernster and C.-P. Lee, 33: 729-88
PEPTIDES
See Amino Acids, Peptides, and Proteins
PHOTOSYNTHESIS
L. P. Vernon and M. Avron, 34:269-96
PROTEINS
See Amino Acids, Peptides, and Proteins
STEROIDS
L. L. Engel and L. J. Langer, 30:499-524; G. M. Tomkins and E. S. Maxwell, 32: 677-708
SULFUR-CONTAINING COMPOUNDS
S. Black, 32:399-418
TRANSPORT, BIOLOGICAL
L. E. Hokin and M. R. Hokin, 32:553-78
VIRUSES
S. S. Cohen, 32:83-154; L. Levintow, 34:487-526; H. G. Wittmann and C. Scholtissek, 35:299-334
VITAMINS
A. E. Axelrod and C. J. Martin, 30:383-408; G. W. E. Plaut, 30:409-46; F. Bro-Rasmussen and W. Hjarde, 30:447-72; E. L. R. Stokstad, 31:451-90; G. A. J. Pitt and R. A. Morton, 31:491-514; G. M. Brown and, J. J. Reynolds, 32:419-62; L. Jaenicke, 33:287-312; U. Gloor and O. Wiss, 33:313-30; F. Wagner, 35:405-34
X-RAY STUDIES OF STRUCTURE
A. Rich and D. W. Green, 30:93-132; J. Kraut, 34:247-68

CUMULATIVE INDEX

VOLUMES 30-35

INDEX OF CONTRIBUTING AUTHORS

A

Adams, E., 31:173
Ames, B. N., 33:235
Anderson, E. P., 32:463
Angyal, S. J., 34:77
Ashwell, G., 33:101
Aspinall, G. O., 31:79
Atkinson, D. E., 35:85
Avron, M., 34:269

B

Baldwin, H. H., 34:565
Baxter, C. F., 32:513
Bender, M. L., 34:49
Bennett, J. C., 33:205
Bentley, R., 31:589
Bergström, S., 34:101
Biemann, K., 32:755
Black, S., 32:399
Borek, E., 35:275
Brady, R. O., 33:75
Brockman, R. W., 32:463
Broquist, H. P., 35:231
Brown, G. M., 32:419
Busch, H., 33:519

C

Cabib, E., 32:321
Canellakis, E. S., 31:271
Carter, H. E., 34:109
Cavalieri, L. F., 31:247
Chibnall, A. C., 35:1
Clark, W. M., 31:1
Cohen, S. S., 32:83
Cohn, M., 33:481
Coons, C. M., 33:459
Cormier, M. J., 33:431
Cox, D. J., 35:57

D

Darby, W. J., 31:325
Day, E. D., 31:549
de Haas, G. H., 35:157
Determann, H., 35:651
Dreyer, W. J., 33:205

E

Eigner, J., 35:789
Elson, D., 34:449
Ernster, L., 33:729

F

Fleischman, J. B., 35:835
Fowden, L., 33:173
Friedkin, M., 32:185

G

Gergely, J., 35:691
Gibson, Q. H., 35:435
Ginsburg, V., 34:297
Gloor, U., 33:313
Greenberg, D. M., 33:633
Grunberg-Manago, M., 31:301

H

Hanahan, D. J., 32:215
Harrington, H., 32:355
Harrington, W. F., 35:599
Hayaishi, O., 31:25
Heintz, R., 35:723
Hirs, C. H. W., 33:597
Hofmann, K., 31:213
Hokin, L. E., 32:553
Hokin, M. R., 32:553
Horning, E. C., 32:709
Horowitz, N. H., 34:527
House, H. L., 31:653
Hummel, J. P., 33:15

J

Jaenicke, L., 33:287
Jencks, W. P., 32:639
Johnson, P., 34:109
Jones, M. E., 34:381
Josephs, R., 35:599
Josse, J., 35:789

K

Kalnitsky, G., 33:15
Katchalski, E., 35:873
Keil, B., 31:139; 34:175
Kézdy, F. J., 34:49
Kielley, W. W., 33:403
Kit, S., 32:43
Kowalsky, A., 33:481
Kraut, J., 34:247

L

Lands, W. E. M., 34:313
Larner, J., 31:569
Leder, P., 35:195
Lee, C.-P., 33:729
Lehninger, A. L., 31:47
Lemberg, M. R., 34:1
Lemieux, R. U., 32:155
Levintow, L., 34:487
Lineback, D. R., 32:155

M

Malmström, B. G., 33:331
Martin, H. H., 35:457
Martin, R. G., 33:235
Mason, H. S., 34:595
Massey, V., 32:579
Maxwell, E. S., 32:677
Mead, J. F., 32:241
Metzenberg, R. L., 34:527
Mickelsen, O., 31:515
Moldave, K., 34:419
Morton, R. A., 31:491
Murray, K., 34:209

N

Neilands, J. B., 33:331
Neufeld, E. F., 34:297
Nisonoff, A., 33:355
Northcote, D. H., 33:51
Norton, W. T., 31:103

O

Olson, J. A., 35:559

P

Pastan, I., 35:369
Pitot, H. C., 35:335
Pitt, G. A. J., 31:491
Porter, R. R., 31:625
Press, E. M., 31:625

R

RajBhandary, U. L., 35:759

Rapport, M. M., 31:103
Reed, L. J., 35:57
Reynolds, J. J., 32:419
Richards, F. M., 32:269
Roberts, E., 32:513
Rose, I. A., 35:23
Rosenberg, B. H., 31:247
Rusch, H. P., 34:565
Rutherford, D., 34:77

S

Sakami, W., 32:355
Salton, M. R. J., 34:143
Samuelsson, B., 34:101
Sanadi, D. R., 34:21
Schmidt, G., 33:667
Scholtissek, C., 35:299
Schroeder, W. A., 32:301
Schweet, R., 35:723
Schwyzer, R., 33:259
Segal, D. M., 35:599
Sharon, N., 35:485
Shuster, L., 33:571
Silman, I. H., 35:873
Simpson, M. V., 31:333
Singer, M. F., 35:195
Srinivasan, P. R., 35:275
Starbuck, W. C., 33:519
Stevens, A., 32:15
Stokstad, E. L. R., 31:451
Strittmatter, P., 35:125
Stuart, A., 35:759
Szent-Györgyi, A., 32:1

T

Talalay, P., 34:347
Thompson, G. A., Jr., 32:215
Thorbecke, G. J., 33:355
Tompkins, G. M., 32:677
Totter, J. R., 33:431
Touster, O., 31:407
Trams, E. G., 33:75
Trupin, J. S., 35:231

V

Vagelos, P. R., 33:139
Van Deenen, L. L. M., 35:157
VandenHeuvel, W. J. A., 32:709
Veeger, C., 32:579
Vernon, L. P., 34:269

W

Wadkins, C. L., 31:47
Wagner, F., 35:405
Wakil, S. J., 31:369
Warburg, O., 33:1
Weber, E. J., 34:109
Wieland, T., 35:651
Wiss, O., 33:313
Wittmann, H. G., 35:299
Wood, W. A., 35:521